

APPLICATION
FOR
UNITED STATES LETTERS PATENT

PATENT APPLICATION

SPECIFICATION

TO ALL WHOM IT MAY CONCERN:

Be it known that Melissa Cohen-Fyffe of 77 Jericho Road, Pelham, New Hampshire 03076 has invented certain improvements in CLEAN DINER HIGH CHAIR SEAT COVER of which the following description is a specification.

KK/BABE2.CVR

CLEAN DINER HIGH CHAIR SEAT COVER

Reference To Pending Prior Patent Application

5 This patent application claims benefit of pending
prior U.S. Provisional Patent Application Serial No.
60/445,566, filed 02/06/2003 by Melissa Cohen-Fyffe for
CLEAN DINER HIGH CHAIR COVER, which patent application
is hereby incorporated herein by reference.

Field Of The Invention

10 This invention is related to chair covering
apparatus and methods in general, and more particularly
to apparatus and methods for covering restaurant high
chairs for babies and toddlers.

Background Of The Invention

15 There is a growing demand for cleaner public
eating environments. However, no convenient systems
are presently used for sanitizing the high chairs in
20 restaurants. As such, babies and toddlers are forced
to sit in previously soiled seats when dining at
restaurants. The high chair seat cover of the present

invention provides a novel solution to soiled restaurant high chairs.

Summary Of The Invention

5 The high chair seat cover of the present invention provides a barrier system for a high chair so as to cover the entire seating area. This includes the front, rear, each of the sides, and the corner portions. This configuration keeps restaurant high
10 chair germs and grime away from babies and toddlers. The high chair seat cover of the present invention is a unitary design which also allows rapid installation.

 An object of the invention is to provide a seat cover for creating a temporary clean environment for
15 babies and toddlers in a restaurant high chair.

 Another object of the invention is to provide a one-piece seat cover for rapid installation on a restaurant high chair.

 A further object of the invention is to provide a
20 seat cover having a continuous connected plication for covering the front seating portion, the rear seating portion, each of the side seating portions, and the

upper portions of each high chair leg so as to cover the entire seating area, leaving no portion of the high chair's surface exposed to a baby's hands or skin.

A still further object is to provide a seat cover with a unitary cover having additional fasteners for adjustability.

A still further object is to provide a simple method for covering the entire seating area of a high chair including the front seating portion, the rear seating portion, each of the side seating portions, and the upper portion of each high chair leg.

With the above and other objects in view, as will hereinafter appear, there is provided a high chair clean seat for use as a seat cover on a high chair, the high chair clean seat comprising a central portion having a longitudinal axis and a lateral axis, the central portion configured to cover a center seating portion of the high chair, and a continuous plication surrounding the central portion, the continuous plication having a front portion and a back portion extending from the central portion in opposite directions away from one another and parallel to the

longitudinal axis, the continuous plication having a first side portion and a second side portion extending from the central portion in opposite directions away from one another and in a direction parallel to the lateral axis, and the continuous plication configured to cover an entire seating area surrounding the center seating portion of the high chair.

In accordance with a further feature of the invention there is provided a method for covering an entire seating area of a high chair, the method comprising providing a high chair clean seat for use as a seat cover on the high chair, the high chair clean seat comprising a central portion having a longitudinal axis and a lateral axis, the central portion configured to cover a center seating portion of the high chair, and a continuous plication surrounding the central portion, the continuous plication having a front portion and a back portion extending from the central portion in opposite directions away from one another and parallel to the longitudinal axis, the continuous plication having a first side portion and a second side portion extending from the central portion in opposite

directions away from one another and in a direction
parallel to the lateral axis, and the continuous
plication configured to cover the entire seating area
of the high chair, positioning the high chair clean
5 seat on the entire seating area of the high chair by
placing the central portion, the front portion of the
continuous plication, the back portion of the
continuous plication, the first side portion of the
continuous plication, and the second side portion of
10 the continuous plication over the center seating
portion of the high chair, a front portion of the high
chair, a back portion of the high chair, a first side
portion of the high chair, and a second side portion of
the high chair, respectively, so as to cover the entire
15 seating area of the high chair with the high chair
clean seat.

The above and other features of the invention,
including various novel details of construction and
combinations of parts and method steps will now be more
20 particularly described with reference to the
accompanying drawings and pointed out in the claims.
It will be understood that the particular devices and

method steps embodying the invention are shown by way
of illustration only and not as limitations of the
invention. The principles and features of this
invention may be employed in various and numerous
5 embodiments without departing from the scope of the
invention.

Brief Description Of The Drawings

These and other objects and features of the
10 present invention will be more fully disclosed or
rendered obvious by the following detailed description
of the preferred embodiments of the invention, which
are to be considered together with the accompanying
drawings wherein like numbers refer to like parts, and
15 further wherein:

Fig. 1 is a perspective view of one form of a high
chair seat cover, illustrative of a preferred
embodiment of the present invention;

Fig. 2 is a another perspective view illustrating
20 Velcro® hook and loop fasteners disposed on the two
rear adjustment tabs of the high chair seat cover shown
in Fig. 1;

Fig. 3 is a perspective view illustrating a safety belt configured on the high chair seat cover shown in Fig. 1;

Fig. 4 is a schematic view illustrating Velcro® hook and loop fasteners disposed on the opposed surfaces of the continuous flap for adjustably securing the continuous flap in position on the high chair;

Fig. 5 is another diagrammatic illustration of the high chair seat cover shown in Fig. 1; and

Figs. 6 and 7 are schematic cross-sectional views of the seat cover shown in Fig. 5.

Detailed Description Of The Preferred Embodiments

Looking at Fig. 1, and in a preferred embodiment of the present invention, there is shown a novel high chair seat cover 5 comprising a central portion 10 and a continuous plication 15 surrounding central portion 10. Continuous plication 15 preferably comprises a generally rectangular or square outer perimeter so as to fit over and surroundingly cover the entire seating area of the high chair. The one-piece construction of seat cover 5 provides a barrier to the seating portions

of a restaurant high chair 20 that a baby or toddler 25 would otherwise contact. Leg openings 30 are provided through high chair seat cover 5 to allow toddler 25 to sit comfortably with his or her legs therethrough.

5 Referring now to Fig. 2, and in a preferred embodiment of the present invention, there is shown a pair of horizontal adjustment flaps 35 for selectively adjusting the peripheral length of continuous plication 15 so as to conform with the periphery of high chair 20. A first portion of Velcro® hook and loop fasteners 10 40, 45 are disposed on horizontal adjustment flaps 35. A second portion of Velcro hook and loop fasteners 50, 55, which correspond to the first portion of fasteners 40, 45, respectively, are disposed on a rear portion of 15 continuous sleeve 15. High chair seat cover 5 is adjustably secured to high chair 20 by attaching fastener 40 and fastener 50 together and attaching fastener 45 and fastener 55 together. Horizontal adjustment flaps 35 are selectively positionable to fit 20 both narrow and wide high chair configurations.

Looking now at Fig. 3, and in a preferred embodiment of the present invention, there is shown a

safety belt 60. Safety belt 60 of the high chair seat cover 5 allows a baby or toddler 25 to sit more securely while eliminating any exposure to previously soiled straps provided on restaurant high chair 20. In a preferred embodiment of the present invention, high chair seat cover 5 is provided with slits 65 (Figs. 4 and 6) for safety belt 60 to pass through.

Referring now to Figs. 4-7, and in a preferred embodiment of the present invention, there is shown a continuous plication 15 folded over the upper periphery of high chair 20 so as to form an inwardly facing surface and an outwardly facing surface disposed toward one another. A first set of Velcro® hook and loop type fasteners 70 is disposed on the inwardly facing surface of continuous plication 15 and a second set of Velcro® hook and loop type fastener 75 is disposed on an outwardly facing surface of continuous plication 15. Individual pairs of fasteners 70 and fasteners 75 are disposed relative to one another so as to allow selective attachment of the portion of continuous plication 15 extending over the periphery high chair 20 to the portion of continuous plication 15 within the

seating area. The individual pairs of fasteners 70 and fasteners 75 are attached together to secure high chair seat cover 5 to high chair 20.

5 Preferably, the individual pairs of fasteners 70 and fasteners 75 are oriented at an angle relative to one another such that high chair seat cover 5 is configured for attachment to various sized high chairs.

10 In a preferred embodiment of the present invention, high chair seat cover 5 is provided with a carry case for compact, convenient storage in a diaper bag, purse or seat pocket of a car or van.

15 In a preferred embodiment of the present invention, a piping material 80, for example, see Figs. 1-7, is preferably provided to help retain high chair seat cover 5 in a formed shape. In turn, piping material 80 causes central portion 10 to be form fitting to high chair 20. Alternatively, central portion 10 may be configured to be form fitting without the use of any piping material.

20 Preferably, the novel high chair seat cover comprises washable material so as to allow the high chair seat cover to be laundered as often as they deem

necessary. In an alternative preferred embodiment of the present invention, the novel high chair seat cover is constructed from disposable material and/or recycled material instead of washable material. For example,
5 these materials may include vinyl, plastic, non-woven fabric, surgical gown or mask material so as to avoid liquid permeation.

In other preferred embodiments of the present invention, high chair seat cover 5 is held in position
10 by one or more fasteners such as snaps, elastic or piping. These fasteners may be used in addition to, or instead of, Velcro® hook and loop fasteners.

In other preferred embodiments of the present invention, pockets are provided to hold toys, baby
15 wipes, napkins, tissues or other small items.

One advantage of the present invention is that the high chair clean seat is configured to cover the entire seating area of a high chair, including the bottom, front, rear, sides, corners, and upper portions of each
20 highchair leg. As such, there is a reduced exposure to bacteria and other disease-causing germs and viruses that lead to illness.

Another advantage of the present invention is that the one-piece construction of the high chair seat cover product allows installation using one hand, in less than 10 seconds.

5 And another advantage of the present invention is that the high chair clean seat cover is preferably configured for compact storage in a carry case. This carry case is sized to fit in a diaper bag or the seat pocket of a car or van.

10 Yet another advantage is the continuous sleeve enables the high chair seat cover to stay in place on the high chair and cannot be removed by a seated baby or toddler.

15 And yet another advantage of the present invention is that the high chair seat cover has a safety strap to enable babies and toddlers to sit more securely without using a previously soiled strap attached to the high chair.

20 Having described preferred embodiments of the invention with reference to the accompanying drawings, it is to be understood that the embodiments shown herein are by way of example, and that various changes

and modifications may be effected by one skilled in the art without departing from the scope or spirit of the invention as defined in the following claims.